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PASSWORD:

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* * * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 NOV 21 CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS 3 NOV 26 MARPAT enhanced with FSORT command
NEWS 4 NOV 26 CHEMSAFE now available on STN Easy
NEWS 5 NOV 26 Two new SET commands increase convenience of STN searching
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NEWS 7 DEC 12 GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS 8 DEC 17 Fifty-one pharmaceutical ingredients added to PS
NEWS 9 JAN 06 The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 10 JAN 07 WPIDS, WINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced
NEWS 16 FEB 19 New patent-examiner citations in 300,000 CA/Cplus patent records provide insights into related prior art
NEWS 17 FEB 19 Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 18 FEB 23 Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 19 FEB 23 MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 20 FEB 23 TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 Mesh terms
NEWS 21 FEB 23 Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 22 FEB 25 USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 23 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display formats

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 11:40:50 ON 10 MAR 2009

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=> file cap1
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.22          0.22
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FILE 'CAPLUS' ENTERED AT 11:41:03 ON 10 MAR 2009
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FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11
FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at: www.cas.org/casinfo

<http://www.cas.org/legal/info/policy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\Program Files\Stnexp\Queries\10576060species.str



chain nodes :
 7 8 14 15 16 17 18 19 20 22 23 24 25 31
 ring nodes :
 1 2 3 4 5 6 9 10 11 12 13
 chain bonds :
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 22-24 22-25
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-13 10-11 11-12 12-13
 exact/norm bonds :
 3-7 7-8 8-20 9-10 9-13 10-11 11-12 11-31 12-13 16-17 16-18 16-19 22-23
 22-24 22-25
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 2-14 8-9 13-22 14-15 15-16
 normalized bonds :
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G1:O,S

G2:H,F

G3:C,H

G4:CH3,H

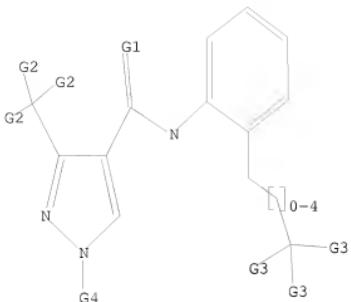
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 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
 19:CLASS 20:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 31:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 H,F

G3 C,H

G4 Me,H

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 11:41:33 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 1614 TO ITERATE

100.0% PROCESSED 1614 ITERATIONS
 SEARCH TIME: 00.00.01

445 ANSWERS

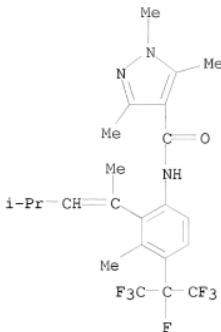
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L3 93 L2

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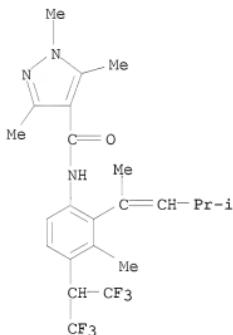
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L4 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:273896 CAPLUS
 DOCUMENT NUMBER: 144:306857
 TITLE: Synergistic fungicidal compositions comprising
 spiroxamine, an azole and a carboxamide derivative



RN 477737-76-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethyl-1-buten-1-yl)-3-methyl-4-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]phenyl]-1,3,5-trimethyl- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:575050 CAPLUS
 DOCUMENT NUMBER: 137:140520
 TITLE: Preparation of carboxamides as agrochemical fungicides
 INVENTOR(S): Walter, Harald; Trab, Stephan
 PATENT ASSIGNEE(S): Syngenta Participations Ag, Switz.
 SOURCE: PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------------|
| WO 2002059086 | A1 | 20020801 | WO 2002-EP717 | 20020124 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2433819 | A1 | 20020801 | CA 2002-2433819 | 20020124 <-- |
| AU 2002225039 | A1 | 20020806 | AU 2002-225039 | 20020124 <-- |
| EP 1355879 | A1 | 20031029 | EP 2002-715469 | 20020124 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| HU 2003002581 | A2 | 20031128 | HU 2003-2581 | 20020124 <-- |
| HU 2003002581 | A3 | 20051128 | | |
| BR 2002006678 | A | 20040210 | BR 2002-6678 | 20020124 <-- |
| CN 1498208 | A | 20040519 | CN 2002-804178 | 20020124 <-- |
| CN 1245384 | C | 20060315 | | |
| JP 2004519464 | T | 20040702 | JP 2002-559388 | 20020124 <-- |
| ZA 2003005102 | A | 20040825 | ZA 2003-5102 | 20030630 <-- |
| IN 2003DN01013 | A | 20070525 | IN 2003-DN1013 | 20030630 <-- |
| MX 2003006472 | A | 20040524 | MX 2003-6472 | 20030718 <-- |
| US 20040138265 | A1 | 20040715 | US 2004-470069 | 20040112 <-- |
| US 7332518 | B2 | 20080219 | | |
| PRIORITY APPLN. INFO.: | | | GB 2001-1996 | A 20010125 <-- |
| | | | WO 2002-EP717 | W 20020124 <-- |

OTHER SOURCE (S): MARPAT 137:140520

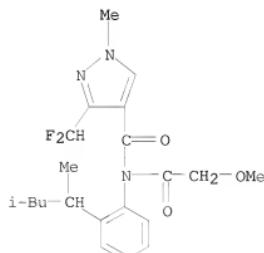
IT 1101049-41-5 1101049-48-2 1101049-56-2
 1101049-61-9 1101050-13-8 1101050-24-1
 1101050-32-1 1101050-41-2 1101050-52-5
 1101050-56-9 1101050-61-6

RL: PRPH (Prophetic)

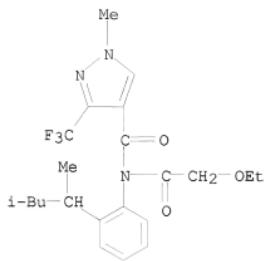
(Preparation of carboxamides as agrochemical fungicides)

RN 1101049-41-5 CAPLUS

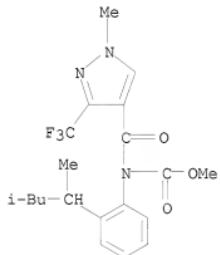
CN INDEX NAME NOT YET ASSIGNED



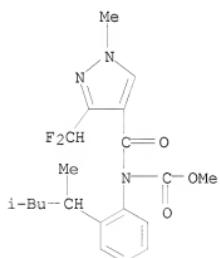
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 CN INDEX NAME NOT YET ASSIGNED



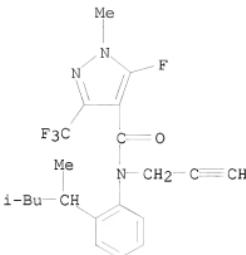
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CN INDEX NAME NOT YET ASSIGNED



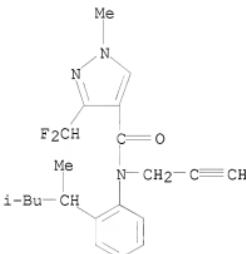
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CN INDEX NAME NOT YET ASSIGNED



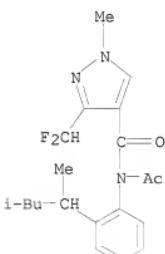
RN 1101050-13-8 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1-methyl-N-2-propyn-1-yl-3-(trifluoromethyl)- (CA INDEX NAME)



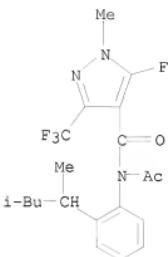
RN 1101050-24-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-N-2-propyn-1-yl- (CA INDEX NAME)



RN 1101050-32-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-acetyl-3-(difluoromethyl)-N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl- (CA INDEX NAME)

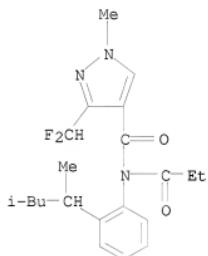


RN 1101050-41-2 CAPLUS
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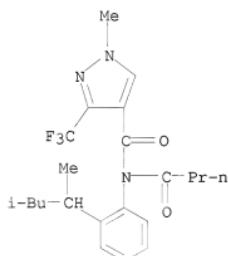
RN 1101050-52-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-(2-(1,3-dimethylbutyl)phenyl)-1-methyl-N-(1-oxopropyl)- (CA INDEX NAME)



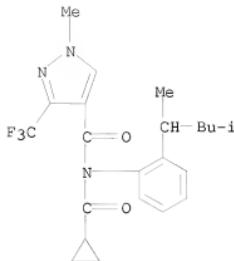
RN 1101050-56-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



RN 1101050-61-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



IT 444617-85-0P 444617-88-3P 444617-91-8P

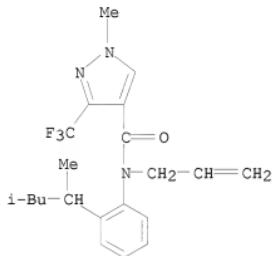
444617-94-1P 444617-97-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of carboxamides as agrochem. fungicides)

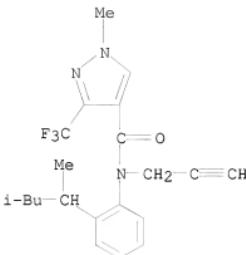
RN 444617-85-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-N-2-propenyl-3-(trifluoromethyl)- (CA INDEX NAME)



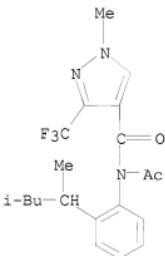
RN 444617-88-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-N-2-propenyl-3-(trifluoromethyl)- (CA INDEX NAME)



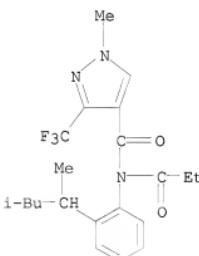
RN 444617-91-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



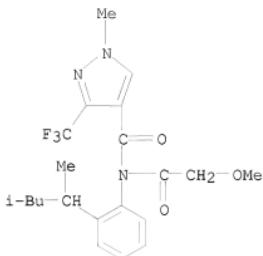
RN 444617-94-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-N-(1-oxopropyl)-3-(trifluoromethyl)- (CA INDEX NAME)



RN 444617-97-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-N-(2-methoxyacetyl)-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2001:194736 CAPLUS
 DOCUMENT NUMBER: 1341:233067
 TITLE: Synergistic agrochemical fungicidal compositions containing anilides for controlling downy mildew and blight
 INVENTOR(S): Yanase, Yuji; Yoshikawa, Yukihiro; Kawashima, Hideo; Takashi, Atsuo; Akase, Tomohisa
 PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 2001072510 | A | 20010321 | JP 1999-249397 | 19990903 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1999-249397 | 19990903 <-- |

OTHER SOURCE(S): MARPAT 134:233067
 IT 330195-87-4 330195-89-6 330195-92-1
 330195-94-3

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(synergistic agrochem. fungicidal compns. containing anilides for controlling downy mildew and blight)

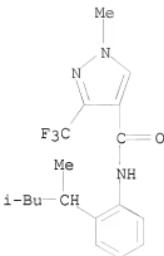
RN 330195-87-4 CAPLUS

CN Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt. with N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

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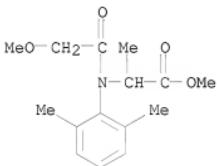
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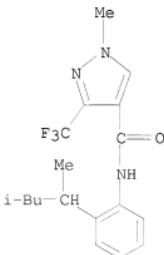
CRN 57837-19-1
CMF C15 H21 N O4



RN 330195-89-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-, mixt. with 4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME)

CM 1

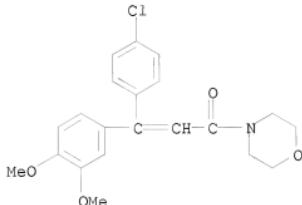
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CM 2

CRN 110488-70-5

CMF C21 H22 Cl N O4



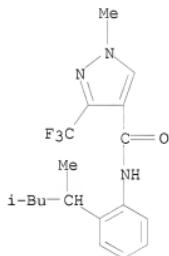
RN 330195-92-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-, mixt. with 2-cyano-N-[(ethylamino)carbonyl]-2-(methoxymino)acetamide (9CI) (CA INDEX NAME)

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CRN 203448-69-5

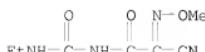
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CM 2

CRN 57966-95-7

CMF C7 H10 N4 O3



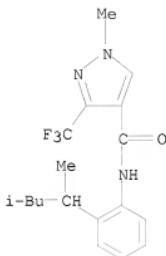
RN 330195-94-3 CAPLUS

CN Phosphonic acid, monoethyl ester, aluminum salt, mixt. with

N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

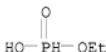
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CRN 39148-24-8
CMF C2 H7 O3 P . 1/3 A1



●1/3 A1

L4 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:191978 CAPLUS
DOCUMENT NUMBER: 134:233063
TITLE: Synergistic agrochemical fungicidal compositions for controlling gray mold
INVENTOR(S): Yanase, Yuji; Yoshikawa, Yukihiro; Kawashima, Hideo; Takashi, Atsuo; Akase, Tomohisa
PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|------------|-----------------|--------------|
| JP 2001072508 | A | 20010321 | JP 1999-249396 | 19990903 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1999-249396 | 19990903 <-- |
| OTHER SOURCE(S): | MARPAT | 134:233063 | | |

IT 330432-09-2 330433-40-4

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(synergistic agrochem. fungicidal compns. for controlling gray mold)

RN 330432-09-2 CAPLUS

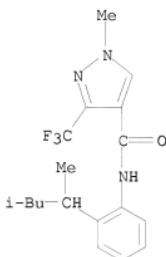
CN Benzenesulfonic acid, dodecyl-, compd. with

N,N'-(iminodi-8,1-octanediyil)bis[guanidine] (3:1), mixt. with
N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 203448-69-5

CMF C18 H22 F3 N3 O



CM 2

CRN 169202-06-6

CMF C18 H41 N7 . 3 C18 H30 O3 S

CM 3

CRN 27176-87-0

CMF C18 H30 O3 S

CCI IDS

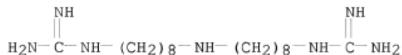


D1-SO₃H

Me-(CH₂)₁₁-D1

CM 4

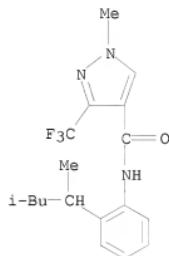
CRN 13516-27-3
CMF C18 H41 N7



RN 330433-40-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-, mixt. with 3-(3,5-dichlorophenyl)-1,5-dimethyl-3-azabicyclo[3.1.0]hexane-2,4-dione (9CI) (CA INDEX NAME)

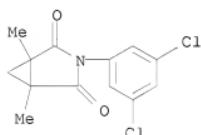
CM 1

CRN 203448-69-5
CMF C18 H22 F3 N3 O



CM 2

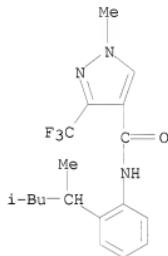
CRN 32809-16-8
CMF C13 H11 Cl2 N O2



L4 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2001:191977 CAPLUS
DOCUMENT NUMBER: 134:233062
TITLE: Synergistic agrochemical fungicidal compositions for controlling powdery mildew
INVENTOR(S): Yanase, Yuji; Yoshikawa, Yukihiro; Kawashima, Hideo; Takashi, Atsuo; Akase, Tomohisa
PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan

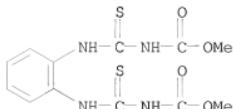
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
DOCUMENT TYPE: CODEN: JKXXXAF
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: Japanese

| | | | | |
|---|--|-------------------|-----------------|-------------|
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
| JP 2001072507 | A | 20010321 | JP 1999-249395 | 19990903 << |
| PRIORITY APPLN. INFO.: | | | JP 1999-249395 | 19990903 << |
| OTHER SOURCE(S): | | MARPAT 134:233062 | | |
| IT 330432-07-0 330432-08-1 330432-09-2 | | | | |
| RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) | | | | |
| (synergistic agrochem. fungicidal compns. for controlling powdery mildew) | | | | |
| RN 330432-07-0 | CAPLUS | | | |
| CN | Carbanic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester, mixt. with N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME) | | | |
| CM 1 | | | | |
| CRN 203448-69-5 | | | | |
| CMF C18 H22 F3 N3 O | | | | |



CM 2

CRN 23564-05-8
CMF C12 H14 N4 O4 S2

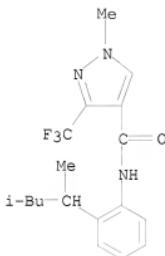


RN 330432-08-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-

(trifluoromethyl)-, mixt. with 4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine (9CI) (CA INDEX NAME)

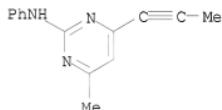
CM 1

CRN 203448-69-5
CMF C18 H22 F3 N3 O



CM 2

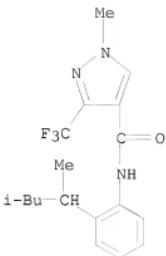
CRN 110235-47-7
CMF C14 H13 N3



RN 330432-09-2 CAPLUS
CN Benzenesulfonic acid, dodecyl-, compd. with
N,N'-(iminodi-8,1-octanediyil)bis[guanidine] (3:1), mixt. with
N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 203448-69-5
CMF C18 H22 F3 N3 O



CM 2

CRN 169202-06-6
CMF C18 H41 N7 . 3 C18 H30 O3 S

CM 3

CRN 27176-87-0
CMF C18 H30 O3 S
CCI IDS

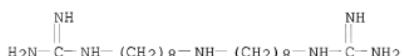


D1-SO₃H

Me-(CH₂)₁₁-D1

CM 4

CRN 13516-27-3
CMF C18 H41 N7

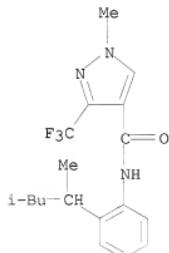


L4 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1998:161040 CAPLUS
 DOCUMENT NUMBER: 128:192648
 ORIGINAL REFERENCE NO.: 128:38063a,38066a
 TITLE: Preparation of substituted carboxanilide derivatives
 as agrochemical fungicides

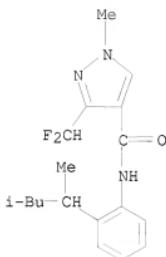
INVENTOR(S) : Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura, Naofumi;
 Katsuta, Hiroyuki; Takahashi, Osamu; Inami, Shunichi;
 Yanase, Yuji; Kishi, Junro; Kawashima, Hideo
 PATENT ASSIGNEE(S) : Mitsui Toatsu Chemicals, Inc., Japan
 SOURCE: Eur. Pat. Appl., 31 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|-----------------|
| EP 824099 | A1 | 19980218 | EP 1997-114124 | 19970814 <-- |
| EP 824099 | B1 | 20011107 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI | | | | |
| JP 10251240 | A | 19980922 | JP 1997-338820 | 19970313 <-- |
| JP 10310577 | A | 19981124 | JP 1997-213461 | 19970807 <-- |
| JP 3982879 | B2 | 20070926 | | |
| US 5914344 | A | 19990622 | US 1997-908187 | 19970807 <-- |
| CA 2213111 | A1 | 19980215 | CA 1997-2213111 | 19970814 <-- |
| CA 2213111 | C | 20010320 | | |
| ES 2164972 | T3 | 20020301 | ES 1997-114124 | 19970814 <-- |
| CN 1178791 | A | 19980415 | CN 1997-118681 | 19970815 <-- |
| CN 1067063 | C | 20010613 | | |
| US 5965774 | A | 19991012 | US 1998-150170 | 19980909 <-- |
| CN 1338452 | A | 20020306 | CN 2000-126258 | 20000826 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1996-215724 | A 19960815 <-- |
| | | | JP 1997-59106 | A 19970313 <-- |
| | | | US 1997-908187 | A3 19970807 <-- |

OTHER SOURCE(S) : MARPAT 128:192648
 IT 203448-69-5P 203448-70-8P 203448-71-9P
203448-72-0P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except
 adverse); BSU (Biological study, unclassified); SPN (Synthetic
 preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation and agrochem. fungicidal activity of carboxanilides)
 RN 203448-69-5 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-
 (trifluoromethyl)- (CA INDEX NAME)

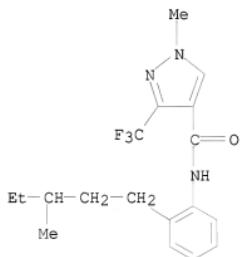


RN 203448-70-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[2-(1,3-
 dimethylbutyl)phenyl]-1-methyl- (CA INDEX NAME)



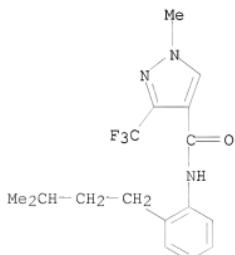
RN 203448-71-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(3-methylpentyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 203448-72-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(3-methylbutyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)

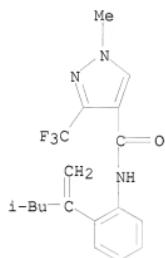


IT 203448-83-3P 203448-84-4P 203448-85-5P
203448-86-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and agrochem. fungicidal activity of carboxanilides)

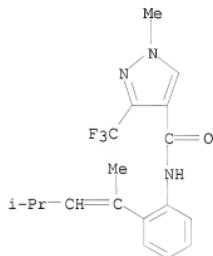
RN 203448-83-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(3-methyl-1-methylenebutyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



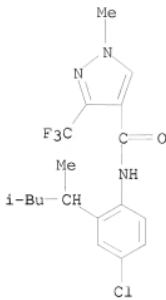
RN 203448-84-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethyl-1-buten-1-yl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



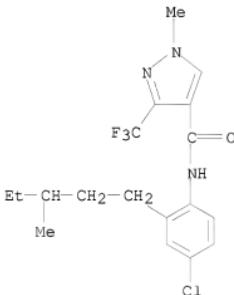
RN 203448-85-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4-chloro-2-(1,3-dimethylbutyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



RN 203448-86-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[4-chloro-2-(3-methylpentyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1994:323565 CAPLUS

DOCUMENT NUMBER: 120:323565

ORIGINAL REFERENCE NO.: 120:56933a,56936a

TITLE: Preparation of heterocyclic carboxanilides as microbicides

INVENTOR(S): Eicken, Karl; Koenig, Hartmann; Ammermann, Eberhard; Lorenz, Gisela

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 19 pp.

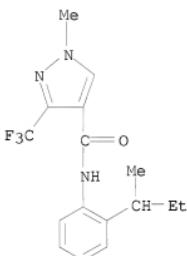
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|---|------------|-----------------|----------------|
| DE 4231517 | A1 | 19940324 | DE 1992-4231517 | 19920921 <-- |
| IL 106849 | A | 20010128 | IL 1993-106849 | 19930831 <-- |
| CA 2105503 | A1 | 19940322 | CA 1993-2105503 | 19930903 <-- |
| CA 2105503 | C | 20041123 | | |
| EP 589301 | A1 | 19940330 | EP 1993-114540 | 19930910 <-- |
| EP 589301 | B1 | 20020626 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE | | | | |
| AT 219771 | T | 20020715 | AT 1993-114540 | 19930910 <-- |
| PT 589301 | T | 20021129 | PT 1993-114540 | 19930910 <-- |
| ES 2179047 | T3 | 20030116 | ES 1993-114540 | 19930910 <-- |
| US 5438070 | A | 19950801 | US 1993-121549 | 19930916 <-- |
| AU 9347422 | A | 19940331 | AU 1993-47422 | 19930920 <-- |
| AU 669732 | B2 | 19960620 | | |
| HU 68762 | A2 | 19950728 | HU 1993-2651 | 19930920 <-- |
| HU 216894 | B | 19991028 | | |
| JP 06199803 | A | 19940719 | JP 1993-235025 | 19930921 <-- |
| JP 3530554 | B2 | 20040524 | | |
| PRIORITY APPLN. INFO.: | | | DE 1992-4231517 | A 19920921 <-- |
| OTHER SOURCE(S): | MARPAT | 120:323565 | | |
| IT 155109-19-6P | RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as microbicide) | | | |
| RN 155109-19-6 CAPLUS | | | | |
| CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(1-methylpropyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME) | | | | |



L4 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1994:106998 CAPLUS
 DOCUMENT NUMBER: 120:106998
 ORIGINAL REFERENCE NO.: 120:18885a,18888a
 TITLE: Pyrazolecarboxanilide agrochemical fungicides
 INVENTOR(S): McLoughlin, Jim I.; Metz, Suzanne
 PATENT ASSIGNEE(S): Monsanto Co., USA
 SOURCE: PCT Int. Appl., 67 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|---|----------|-----------------|-----------------|
| WO 9311117 | A1 | 19930610 | WO 1992-US10509 | 19921204 <-- |
| W: AU, BB, BG,
PL, RO, RU,
SD | BR, CA, CS, FI, HU, JP, KR, LK, MG, MN, MW, NO, NZ, | | | |
| RW: AT, BE, CH,
BF, BJ, CF,
CG, CI, CM, GA, GN, ML, MR, SN, TD, TG | DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, | | | |
| US 5223526 | A | 19930629 | US 1992-967417 | 19921105 <-- |
| AU 9332407 | A | 19930628 | AU 1993-32407 | 19921204 <-- |
| AU 657598 | B2 | 19950316 | | |
| ZA 9209441 | A | 19930825 | ZA 1992-9441 | 19921204 <-- |
| EP 623113 | A1 | 19941109 | EP 1993-900895 | 19921204 <-- |
| EP 623113 | B1 | 19970305 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| JP 07501549 | T | 19950216 | JP 1992-510373 | 19921204 <-- |
| HU 67795 | A2 | 19950428 | HU 1994-1693 | 19921204 <-- |
| BR 9206869 | A | 19951128 | BR 1992-6869 | 19921204 <-- |
| AT 149490 | T | 19970315 | AT 1993-900895 | 19921204 <-- |
| CN 1078234 | A | 19931110 | CN 1993-100017 | 19930102 <-- |
| PRIORITY APPLN. INFO.: | | | US 1991-802978 | A 19911206 <-- |
| | | | US 1992-877907 | A 19920501 <-- |
| | | | US 1992-967417 | A 19921105 <-- |
| | | | US 1992-936717 | B2 19920831 <-- |
| | | | WO 1992-US10509 | A 19921204 <-- |

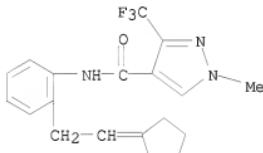
OTHER SOURCE(S): MARPAT 120:106998

IT 151189-32-1P 151189-52-5P 151734-04-2P

RL: SPN (Synthetic preparation); PRBP (Preparation)
(preparation and agrochem. fungicidal activity of)

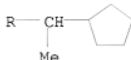
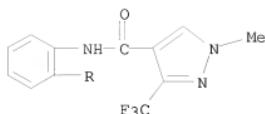
RN 151189-32-1 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-(2-cyclopentylideneethyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

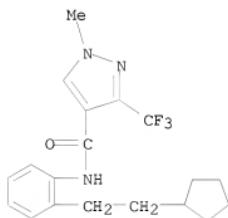


RN 151189-52-5 CAPLUS

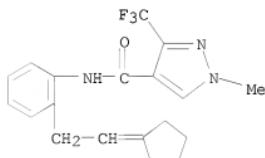
CN 1H-Pyrazole-4-carboxamide, N-[2-(1-cyclopentylethyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



RN 151734-04-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[2-(2-cyclopentylethyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



IT 151189-32-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, in preparation of pyrazolecarboxanilide agrochem. fungicides)
 RN 151189-32-1 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, N-[2-(2-cyclopentylideneethyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



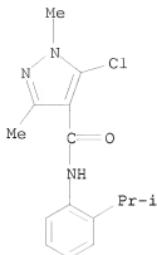
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1993:560132 CAPLUS
 DOCUMENT NUMBER: 119:160132
 ORIGINAL REFERENCE NO.: 119:28693a,28696a
 TITLE: Anilide derivatives and their use to combat Botrytis

INVENTOR(S): Eicken, Karl; Goetz, Norbert; Harreus, Albrecht;
 Ammermann, Eberhard; Lorenz, Gisela; Rang, Harald
 PATENT ASSIGNEE(S): BASF A.-G., Germany
 SOURCE: Eur. Pat. Appl., 60 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

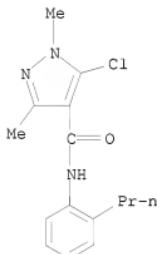
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|-----------------|-----------------|--------------|
| EP 545099 | A2 | 19930609 | EP 1992-119105 | 19921107 <-- |
| EP 545099 | A3 | 19931124 | | |
| EP 545099 | B1 | 19970305 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE | | | | |
| CA 2081935 | A1 | 19930523 | CA 1992-2081935 | 19921102 <-- |
| CA 2081935 | C | 20040525 | | |
| IL 103614 | A | 19980924 | IL 1992-103614 | 19921102 <-- |
| AT 149487 | T | 19970315 | AT 1992-119105 | 19921107 <-- |
| ES 2098421 | T3 | 19970501 | ES 1992-119105 | 19921107 <-- |
| US 5330995 | A | 19940719 | US 1992-973976 | 19921109 <-- |
| JP 05221994 | A | 19930831 | JP 1992-303337 | 19921113 <-- |
| JP 3202079 | B2 | 20010827 | | |
| AU 9228554 | A | 19930527 | AU 1992-28554 | 19921120 <-- |
| AU 656243 | B2 | 19950127 | | |
| HU 62861 | A2 | 19930628 | HU 1992-3653 | 19921120 <-- |
| HU 213622 | B | 19970828 | | |
| ZA 9208977 | A | 19940519 | ZA 1992-8977 | 19921120 <-- |
| PL 171304 | B1 | 19970328 | PL 1992-296677 | 19921120 <-- |
| SK 281730 | B6 | 20010710 | SK 1992-3448 | 19921120 <-- |
| CZ 289478 | B6 | 20020116 | CZ 1992-3448 | 19921120 <-- |
| US 5480897 | A | 19960102 | US 1994-215463 | 19940321 <-- |
| US 5556988 | A | 19960917 | US 1995-472927 | 19950607 <-- |
| US 5589493 | A | 19961231 | US 1995-478681 | 19950607 <-- |
| JP 2001253802 | A | 20010918 | JP 2001-85276 | 20010323 <-- |
| JP 3657523 | B2 | 20050608 | | |
| JP 2001316210 | A | 20011113 | JP 2001-85342 | 20010323 <-- |
| JP 3660890 | B2 | 20050615 | | |
| PRIORITY APPLN. INFO.: | | | | |
| | | DE 1991-4138387 | A 19911122 <-- | |
| | | DE 1992-4204764 | A 19920218 <-- | |
| | | DE 1992-4204766 | A 19920218 <-- | |
| | | DE 1992-4204767 | A 19920218 <-- | |
| | | DE 1992-4204768 | A 19920218 <-- | |
| | | US 1992-973976 | A3 19921109 <-- | |
| | | JP 1992-303337 | A3 19921113 <-- | |
| | | US 1994-215463 | A3 19940321 <-- | |

OTHER SOURCE(S): MARPAT 119:160132
 IT 149708-95-2P 149708-96-3P 149708-97-4P
 149708-98-5P 149709-03-5P 149709-04-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses (preparation of, as agrochem. fungicide))
 RN 149708-95-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[2-(1-methylethyl)phenyl]- (CA INDEX NAME)



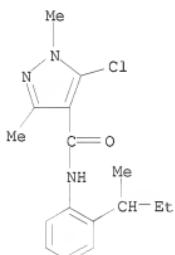
RN 149708-96-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-(2-propylphenyl)- (CA INDEX NAME)



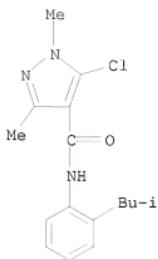
RN 149708-97-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[2-(1-methylpropyl)phenyl]- (CA INDEX NAME)



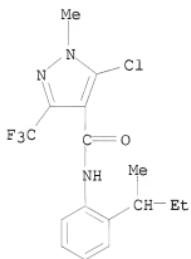
RN 149708-98-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1,3-dimethyl-N-[2-(2-methylpropyl)phenyl]- (CA INDEX NAME)



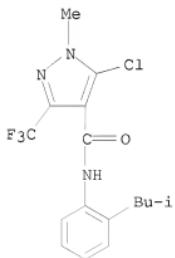
RN 149709-03-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-N-[2-(1-methylpropyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



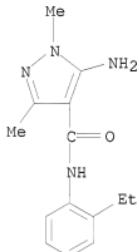
RN 149709-04-6 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-N-[2-(2-methylpropyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)

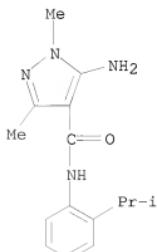


ACCESSION NUMBER: 1984:85685 CAPLUS
 DOCUMENT NUMBER: 100:85685
 ORIGINAL REFERENCE NO.: 100:12993a,12996a
 TITLE: Substituted phenyl-5-aminopyrazoles
 INVENTOR(S): Dusza, John P.; Albright, Jay D.
 PATENT ASSIGNEE(S): American Cyanamid Co., USA
 SOURCE: U.S., 7 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--------------------------------------|----------|-----------------|--------------|
| US 4393217 | A | 19830712 | US 1981-224606 | 19810112 <-- |
| PRIORITY APPLN. INFO.: | | | US 1981-224606 | 19810112 <-- |
| OTHER SOURCE(S): | CASREACT 100:85685; MARPAT 100:85685 | | | |
| IT 87165-39-7P 87165-40-OP | | | | |
| RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation, tranquilizing, and antidepressant activity of) | | | | |
| RN 87165-39-7 CAPLUS | | | | |
| CN 1H-Pyrazole-4-carboxamide, 5-amino-N-(2-ethylphenyl)-1,3-dimethyl- (CA INDEX NAME) | | | | |



RN 87165-40-0 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-amino-1,3-dimethyl-N-[2-(1-methylethyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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Connection closed by remote host

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Exiting the script...

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * * Welcome to STN International * * * * * * * * *

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NEWS 3 NOV 26 MARPAT enhanced with FSORT command
NEWS 4 NOV 26 CHEMSAFE now available on STN Easy
NEWS 5 NOV 26 Two new SET commands increase convenience of STN searching
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NEWS 7 DEC 12 GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS 8 DEC 17 Fifty-one pharmaceutical ingredients added to PS
NEWS 9 JAN 06 The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 10 JAN 07 WPIDS, WINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced
NEWS 16 FEB 19 New patent-examiner citations in 300,000 CA/CAPLus patent records provide insights into related prior art
NEWS 17 FEB 19 Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 18 FEB 23 Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 19 FEB 23 MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 20 FEB 23 TOXCENTRE updates mirror those of MEDLINE - more precise author group fields and 2009 Mesh terms
NEWS 21 FEB 23 Three million new patent records blast AEROSPACE into

NEWS 22 FEB 25 STN patent clusters
USGENE enhanced with patent family and legal status
display data from INPADOCDB
NEWS 23 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display
formats
NEWS 24 MAR 11 EPFULL backfile enhanced with additional full-text
applications and grants
NEWS 25 MAR 11 ESBTOBASE reloaded and enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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FILE 'HOME' ENTERED AT 12:26:46 ON 11 MAR 2009

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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.22          0.22

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FILE 'CAPLUS' ENTERED AT 12:27:30 ON 11 MAR 2009
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FILE COVERS 1907 - 11 Mar 2009 VOL 150 ISS 11
FILE LAST UPDATED: 10 Mar 2009 (20090310/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at: [http://www.cas.org/casinfo](#)

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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E1          1      DUNKEL PETER GEORGE/AU
E2          2      DUNKEL PETRA/AU
E3          10 --> DUNKEL R/AU
E4          1      DUNKEL R V/AU
E5          1      DUNKEL RAINER/AU
E6          95     DUNKEL RALF/AU
E7          11     DUNKEL REINHARD/AU
E8          1      DUNKEL RENATE/AU
E9          1      DUNKEL RICHARD/AU
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E12         6      DUNKEL SCHETTER CHRISTINE/AU

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L1          106 ("DUNKEL R"/AU OR "DUNKEL R V"/AU) OR "DUNKEL RALF"/AU

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E6          4      ELBE HANS L/AU
E7          186    ELBE HANS LUDWIG/AU
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E9          2      ELBE J/AU
E10         1      ELBE JOACHIM HERMANN V/AU
E11         1      ELBE JOACHIM VON/AU
E12         2      ELBE JOERG/AU

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          4 "ELBE HANS L"/AU
          186 "ELBE HANS LUDWIG"/AU
L2          191 "ELBE H L"/AU OR "ELBE HANS L"/AU OR "ELBE HANS LUDWIG"/AU

=> e greul j/au
E1          36     GREUL ARTUR RICHARD/AU
E2          1      GREUL G/AU
E3          0 --> GREUL J/AU
E4          10     GREUL JOERG/AU
E5          55     GREUL JOERG NICO/AU
E6          1      GREUL JORG/AU
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E8          3      GREUL M/AU
E9          1      GREUL MATHIAS/AU
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          2 "GREUL JORG N"/AU
L3          68 ("GREUL JOERG"/AU OR "GREUL JOERG NICO"/AU OR "GREUL JORG"/AU
          OR "GREUL JORG N"/AU)

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E2          1      HARTMANN AZANZA BACA BRIGITTE/AU
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E4          47     HARTMANN B G/AU
E5          1      HARTMANN B H/AU
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        4 "HARTMANN BENOET"/AU
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L4    206 "HARTMANN B"/AU OR ("HARTMANN BENOET"/AU OR "HARTMANN BENOIT"/AU)

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E2          1      WACHENDORFF NEUMANMN ULRIKE/AU
E3          0 --> WACHENDORFF NEUMANN/AU
E4          2      WACHENDORFF NEUMANN ULRICKE/AU
E5          2      WACHENDORFF NEUMANN ULRIDE/AU
E6     304 --> WACHENDORFF NEUMANN ULRIKE/AU

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E7      4      WACHENDORFF U/AU
E8      5      WACHENDORFF ULRIKE/AU
E9      1      WACHENDORFF W/AU
E10     4      WACHENDORFF WINAND/AU
E11     1      WACHENDORFF WOLF/AU
E12     1      WACHENFELD A/AU

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      2 "WACHENDORFF NEUMANN ULRICKE"/AU
      2 "WACHENDORFF NEUMANN ULRIDE"/AU
  304 "WACHENDORFF NEUMANN ULRIKE"/AU
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      ULRIKE"/AU)

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E3      3 --> DAHMEN P/AU
E4    221     DAHMEN PETER/AU
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E12     3      DAHMEN SILVIO R/AU

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E3      3 --> KUCK K/AU
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E7      1      KUCK KAREN M/AU
E8      1      KUCK KARL HEINRICH/AU
E9    152     KUCK KARL HEINZ/AU
E10     7      KUCK KATHRYN D/AU
E11     1      KUCK KENNETH D/AU
E12     2      KUCK KLAUS/AU

=> s e3 or e5 or e9
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      18 "KUCK K H"/AU
  152 "KUCK KARL HEINZ"/AU
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  99085 PESTICID?
  118953 FUNGICID?
  13778 MICROBICID?

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L10 500 L9 AND (PESTICID? OR FUNGICID? OR MICROBICID?)

=> s l10 and (aniline OR "Benzenamine" OR anilide OR carboxanilide OR pyrazole)

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 13941 ANILINES
 122388 ANILINE
 (ANILINE OR ANILINES)
 9235 "BENZENAMINE"
 106 "BENZENAMINES"
 9293 "BENZENAMINE"
 ("BENZENAMINE" OR "BENZENAMINES")
 8338 ANILIDE
 4406 ANILIDES
 11023 ANILINE
 (ANILINE OR ANILIDES)
 1144 CARBOXANILIDE
 244 CARBOXANILIDES
 1286 CARBOXANILIDE
 (CARBOXANILIDE OR CARBOXANILIDES)
 25605 PYRAZOLE
 6660 PYRAZOLES
 27429 PYRAZOLE
 (PYRAZOLE OR PYRAZOLES)

L11 69 L10 AND (ANILINE OR "BENZENAMINE" OR ANILIDE OR CARBOXANILIDE
 OR PYRAZOLE)

=> s l10 and carboxanilide

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 244 CARBOXANILIDES
 1286 CARBOXANILIDE
 (CARBOXANILIDE OR CARBOXANILIDES)

L12 8 L10 AND CARBOXANILIDE

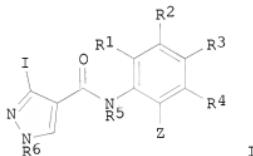
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L12 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:1037078 CAPLUS
 DOCUMENT NUMBER: 142:23275
 TITLE: Preparation of iodopyrazolyl carboxanilides
 as antimicrobials.
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig;
 Greul, Joerg Nico; Hartmann, Benoit;
 Wachendorff-Neumann, Ulrike; Dahmen,
 Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 95 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2004103975 | A1 | 20041202 | WO 2004-EP5066 | 20040512 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, | | | | |

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG
 DE 10325439 A1 20041209 DE 2003-10325439 20030605
 AU 2004240720 A1 20041202 AU 2004-240720 20040512
 CA 2526369 A1 20041202 CA 2004-2526369 20040512
 EP 1628962 A1 20060301 EP 2004-732311 20040512
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
 BR 2004010494 A 20060613 BR 2004-10494 20040512
 CN 1791582 A 20060621 CN 2004-80013715 20040512
 JP 2006528946 T 20061228 JP 2006-529789 20040512
 IN 2005DN04853 A 20070817 IN 2005-DN4853 20051024
 MX 2005012362 A 20060202 MX 2005-12362 20051116
 US 2007006673 A1 20070322 US 2006-557083 20060527
 PRIORITY APPLN. INFO.: DE 2003-10322910 A 20030521
 DE 2003-10325439 A 20030605
 WO 2004-EP5066 W 20040512

OTHER SOURCE(S): MARPAT 142:23275
GI



AB Title compds. |I; R1-R4 = H, F, Cl, Me, Me2CH, MeS; R5 = H, alkyl, alkylsulfinyl, alkylsulfonyl, alkoxyalkyl, cycloalkyl, haloalkyl, haloalkylthio, haloalkylsulfinyl, haloalkylsulfonyl, haloalkoxalkyl, halocycloalkyl, etc.; R6 = alkyl, alkoxyalkyl, haloalkyl; Z = (substituted) Ph, alkyl, alkenyl, alkynyl; or R1-R3 = H, F, Cl; ZR4 = atoms to form a 5-6 membered (heterocyclic) ring], were prepared Thus, 3-iodo-1-methyl-1H-pyrazole-4-carboxylic acid (preparation given), 3',4'-dichloro-5-fluorobiphenyl-2-amine, N,N-diisopropylethylamine, and bromotripyrrolidinophosphonium hexafluorophosphate were stirred together for 3 days in CH2Cl2 to give 53.5% N-(3',4'-dichloro-5-fluorobiphenyl-2-yl)-3-iodo-1-methyl-1H-pyrazole-4-carboxamide. Several I at 100 g/ha gave 100% protection against *Podosphaera leucotricha* on apples.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:648511 CAPLUS

DOCUMENT NUMBER: 141:174168

TITLE: Preparation of pyrazolylcarboxanilides as microbicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig;
Dahmen, Peter; Wachendorff-Neumann,
Ulrike; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT: 1

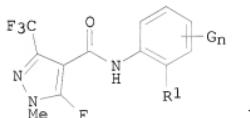
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|------------------|------------|
| WO 2004067515 | A1 | 20040812 | WO 2004-EP344 | 20040119 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA, NI | | | | |
| DE 10303589 | A1 | 20040812 | DE 2003-10303589 | 20030129 |
| AU 2004207622 | A1 | 20040812 | AU 2004-207622 | 20040119 |
| CA 2514379 | A1 | 20040812 | CA 2004-2514379 | 20040119 |
| EP 1590330 | A1 | 20051102 | EP 2004-703168 | 20040119 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2004007145 | A | 20060207 | BR 2004-7145 | 20040119 |
| CN 1745068 | A | 20060308 | CN 2004-80003200 | 20040119 |
| JP 2006518345 | T | 20060810 | JP 2006-501555 | 20040119 |
| US 20060089399 | A1 | 20060427 | US 2005-543210 | 20050722 |
| US 7358214 | B2 | 20080415 | | |
| MX 2005007987 | A | 20050920 | MX 2005-7987 | 20050727 |
| PRIORITY APPLN. INFO.: | | | DE 2003-10303589 | A 20030129 |
| | | | WO 2004-EP344 | W 20040119 |

OTHER SOURCE(S):

MARPAT 141:174168

GI



AB Title compds. [I; R1 = (substituted) alkylalkenyl, alkynyl; G = halo, alkyl; n = 0-2], were prepared. Thus, 5-fluoro-1-methyl-3-trifluoromethylpyrazole-4-carbonyl chloride in THF was added at -10° to 0° to a mixture of 2-(1,3,3-trimethylbutyl)phenylamine and Et3N in THF followed by stirring for 1 h at 0° to give 94% I (Gn = null; R1 = 1,3,3-trimethylbutyl). The latter at 500 ppm gave 100% control of Puccinia recondita on wheat.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:509994 CAPLUS

DOCUMENT NUMBER: 141:54333

TITLE: Preparation of biphenylcarboxamides as agricultural fungicides and insecticides

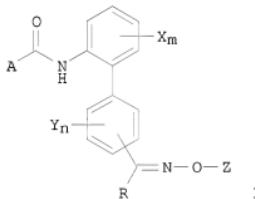
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig;
Rieck, Heiko; Greul, Joerg Nico;
Wachendorff-Neumann, Ulrike; Mauler-Machnik,
Astrid; Dahmen, Peter; Kuck,
Karl-Heinz; Loesel, Peter

PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany
SOURCE: Ger. Offen., 70 pp.

CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| DE 10258314 | A1 | 20040624 | DE 2002-10258314 | 20021213 |
| WO 2004054982 | A1 | 20040701 | WO 2003-EP13498 | 20031201 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003298156 | A1 | 20040709 | AU 2003-298156 | 20031201 |
| EP 1572663 | A1 | 20050914 | EP 2003-795860 | 20031201 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003017290 | A | 20051108 | BR 2003-17290 | 20031201 |
| CN 1745067 | A | 20060308 | CN 2003-80109571 | 20031201 |
| CN 100391947 | C | 20080604 | | |
| JP 2006515841 | T | 20060608 | JP 2004-559734 | 20031201 |
| US 20080085924 | A1 | 20080410 | US 2007-538242 | 20070323 |
| PRIORITY APPLN. INFO.: | | | DE 2002-10258314 | A 20021213 |
| | | | WO 2003-EP13498 | W 20031201 |

OTHER SOURCE(S): MARPAT 141:54333
 GI

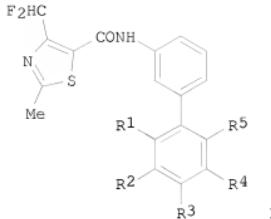


AB Title compds. [I; R = H, alkyl, haloalkyl; Z = alkenyl, alkynyl, haloalkenyl, haloalkynyl; X, Y = halo, cyano, NO₂, alkyl, alkoxy, alkylthio, haloalkyl, haloalkoxy, haloalkylthio; m, n = 0-4; A = 5-6 membered substituted heterocyclyl], were prepared. Thus, 2'-amino-1,1'-biphenyl-4-carbaldehyde O-allyloxime (preparation given) and Et₃N was treated with 4-difluoromethyl-2-methylthiazole-5-carbonyl chloride in PhMe at room temperature followed by stirring for 3 h at 50° to give 49.6% N-(4'-(E)-(allyloxy)imino)methyl]-1,1'-biphenyl-2-yl)-4-(difluoromethyl)-2-methyl-1,3-thiazole-5-carboxamide. The latter at 100 ppm gave 100% control of Venturia inaequalis.

DOCUMENT NUMBER: 139:180056
 TITLE: Preparation of (difluoromethylthiazolyl)
 carboxanilides as agricultural
 microbicides
 INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko;
 Dunkel, Ralf; Wachendorff-Neumann,
 Ulrike; Kuck, Karl-Heinz;
 Mauler-Machnik, Astrid; Kugler, Martin; Jaetsch,
 Thomas; Wachtler, Peter
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| WO 2003066610 | A1 | 20030814 | WO 2003-EP589 | 20030122 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| DE 10204391 | A1 | 20030814 | DE 2002-10204391 | 20020204 |
| IN 2003MU00067 | A | 20050128 | IN 2003-MU67 | 20030116 |
| CA 2474902 | A1 | 20030814 | CA 2003-2474902 | 20030122 |
| AU 2003244431 | A1 | 20030902 | AU 2003-244431 | 20030122 |
| EP 1474407 | A1 | 20041110 | EP 2003-737263 | 20030122 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003007432 | A | 20041228 | BR 2003-7432 | 20030122 |
| CN 1646506 | A | 20050727 | CN 2003-807680 | 20030122 |
| JP 2005526027 | T | 20050902 | JP 2003-565984 | 20030122 |
| NZ 534454 | A | 20060224 | NZ 2003-534454 | 20030122 |
| RU 2319697 | C2 | 20080320 | RU 2004-126867 | 20030122 |
| MX 2004007465 | A | 20041110 | MX 2004-7465 | 20040802 |
| ZA 2004006146 | A | 20050802 | ZA 2004-6146 | 20040802 |
| US 20050124815 | A1 | 20050609 | US 2005-502994 | 20050131 |
| US 7388097 | B2 | 20080617 | | |
| PRIORITY APPLN. INFO.: | | | DE 2002-10204391 | A 20020204 |
| | | | WO 2003-EP589 | W 20030122 |

OTHER SOURCE(S): MARPAT 139:180056
 GI



AB Title compds. [I; R1-R5 = H, halo, cyano, NO₂, alkyl alkenyl, (halo)alkoxy, (halo)alkylthio, (halo)alkylsulfonyl, cycloalkyl, haloalkyl; whereby R1-R5 can not be H simultaneously; or R1R2, R2R3 = (substituted) alkenylene], were prepared. Thus, 3'-chloro-4'-fluoro-1,1'-biphenyl-2-amine (preparation given) and 2-methyl-4-(difluoromethyl)-1,3-thiazole-5-carbonyl chloride in THF was treated with Et₃N followed by stirring for 16 h at 60° to give 84% N-(3'-chloro-4'-fluoro-1,1'-biphenyl-2-yl)-2-methyl-4-(difluoromethyl)-1,3-thiazole-5-carboxamide. Several I at 10 ppm gave 87-100% control of Venturia inaequalis.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:633680 CAPLUS

DOCUMENT NUMBER: 139:164788

TITLE: Preparation of (trifluoromethylthiazolyl) carboxanilides as agricultural microbicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig;
Rieck, Heiko; Kuck, Karl-Heinz;
Wachendorff-Neumann, Ulrike; Mauler-Machnik,
Astrid

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

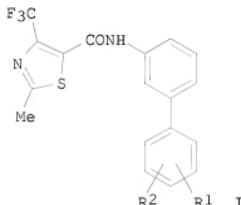
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| WO 2003066609 | A1 | 20030814 | WO 2003-EP588 | 20030122 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| DE 10204390 | A1 | 20030814 | DE 2002-10204390 | 20020204 |
| IN 2003MU00066 | A | 20050128 | IN 2003-MU66 | 20030116 |
| AU 2003202585 | A1 | 20030902 | AU 2003-202585 | 20030122 |

| | | | | |
|--|----|----------|------------------|------------|
| EP 1474406 | A1 | 20041110 | EP 2003-701536 | 20030122 |
| EP 1474406 | B1 | 20070321 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| JP 2005523273 | T | 20050804 | JP 2003-565983 | 20030122 |
| AT 357434 | T | 20070415 | AT 2003-701536 | 20030122 |
| ES 2282600 | T3 | 20071016 | ES 2003-701536 | 20030122 |
| US 20050143428 | A1 | 20050630 | US 2004-502962 | 20040729 |
| US 7098227 | B2 | 20060829 | | |
| PRIORITY APPLN. INFO.: | | | DE 2002-10204390 | A 20020204 |
| | | | WO 2003-EP588 | W 20030122 |

OTHER SOURCE(S): MARPAT 139:164788
GI



AB Title compds. [I; R1, R2 = H, halo, cyano, NO₂, alkyl alkenyl, (halo)alkoxy, (halo)alkylthio, (halo)alkylsulfonyl, cycloalkyl, haloalkyl; or R1R2 = (substituted) alkenylene], were prepared. Thus, 3'-chloro-4'-fluoro-1,1'-biphenyl-2-amine (preparation given) and 2-methyl-4-(trifluoromethyl)-1,3-thiazole-5-carbonyl chloride in THF was treated with Et₃N followed by stirring for 16 h at 60° to give 95% N-(3'-chloro-4'-fluoro-1,1'-biphenyl-2-yl)-2-methyl-4-(trifluoromethyl)-1,3-thiazole-5-carboxamide. The latter at 10 ppm gave 83% control of Sphaerotheca fuliginea.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:97403 CAPLUS

DOCUMENT NUMBER: 138:137308

TITLE: Preparation of 1H-pyrazole-4-carboxanilides

as agricultural fungicides and bactericides

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko;

Dunkel, Ralf; Zhu-Ohlbach, Qin;

Mauler-Machnik, Astrid; Wachendorff-Neumann,

Ulrike; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

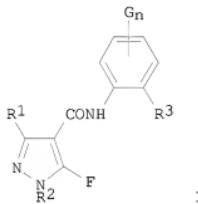
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| WO 2003010149 | A1 | 20030206 | WO 2002-EP7779 | 20020712 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG
 DE 10136065 A1 20030213 DE 2001-10136065 20010725
 IN 2002MU00619 A 20050318 IN 2002-MU619 20020709
 AU 2002313490 A1 20030217 AU 2002-313490 20020712
 EP 1414803 A1 20040506 EP 2002-753080 20020712
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 BR 2002011482 A 20040817 BR 2002-11482 20020712
 CN 1533380 A 20040929 CN 2002-814474 20020712
 CN 1255384 C 20060510
 HU 2004001478 A2 20041129 HU 2004-1478 20020712
 HU 2004001478 A3 20070228
 JP 2005501044 T 20050113 JP 2003-515508 20020712
 MX 2004000622 A 20040420 MX 2004-622 20040120
 ZA 2004000434 A 20050121 ZA 2004-434 20040121
 US 20040204470 A1 20041014 US 2004-484108 20040510
 PRIORITY APPLN. INFO.: DE 2001-10136065 A 20010725
 WO 2002-EP7779 W 20020712

OTHER SOURCE(S): MARPAT 138:137308
 GI

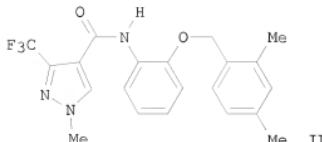


AB Title compds. [I; R1 = H, cyano, halo, NO₂, (halo)alkyl, cycloalkyl, (halo)alkoxy, (halo)alkylthio, aminocarbonylalkyl; R2 = H, (halo)alkyl, alkenyl, cycloalkyl, (halo)alkylthioalkyl, (halo)alkoxyalkyl; G = halo, alkyl; R3 = (substituted) alkyl, alkenyl, alkynyl; n = 0-2] for treating undesirable microorganisms, were prepared Thus, a mixture of 2-(1,3,3-trimethylbutyl)aniline, 5-fluoro-1,3-dimethyl-1H-pyrazole-4-carbonyl chloride, and K₂CO₃ in MeCN was stirred over night at room temperature to give 42% 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-1H-pyrazole-4-carboxamide. I (R1, R2 = Me; R3 = 1-methylbutyl; G = H) at 250 ppm gave 100% control of Pyrenophora on barley.
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

DOCUMENT NUMBER: 128:140699
 ORIGINAL REFERENCE NO.: 128:27682h, 27683a
 TITLE: Preparation of pyrazole-4-carboxanilides and
 analogs as agrochemical microbicides and
 pesticides
 INVENTOR(S): Elbe, Hans-Ludwig; Krueger, Bernd-Wieland;
 Markert, Robert; Tiemann, Ralf; Kuhnt, Dietmar;
 Dutzmann, Stefan; Stenzel, Klaus; Erdelen, Christoph;
 Kugler, Martin; Buschhaus, Hans-Ulrich
 PATENT ASSIGNEE(S): Bayer A.-G., Germany
 SOURCE: Ger. Offen., 72 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|------------------|------------------|----------|
| DE 19629828 | A1 | 19980129 | DE 1996-19629828 | 19960724 |
| WO 9803500 | A1 | 19980129 | WO 1997-EP3694 | 19970711 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR, NE, SN, TD, TG | | | | |
| AU 9734441 | A | 19980210 | AU 1997-34441 | 19970711 |
| EP 915868 | A1 | 19990519 | EP 1997-930522 | 19970711 |
| EP 915868 | B1 | 20041208 | | |
| R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT | | | | |
| BR 9710400 | A | 19990817 | BR 1997-10400 | 19970711 |
| CN 1226244 | A | 19990818 | CN 1997-196717 | 19970711 |
| CN 1205202 | C | 20050601 | | |
| HU 9903691 | A2 | 20000428 | HU 1999-3691 | 19970711 |
| HU 9903691 | A3 | 20011228 | | |
| JP 2000516917 | T | 20001219 | JP 1998-506506 | 19970711 |
| RU 2194704 | C2 | 20021220 | RU 1999-104181 | 19970711 |
| EP 1443045 | A1 | 20040804 | EP 2004-9928 | 19970711 |
| R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT | | | | |
| PT 915868 | T | 20050531 | PT 1997-930522 | 19970711 |
| ES 2232872 | T3 | 20050601 | ES 1997-930522 | 19970711 |
| US 6319940 | B1 | 20011120 | US 1999-230162 | 19990120 |
| US 6534532 | B1 | 20030318 | US 2001-955783 | 20010918 |
| US 20030078287 | A1 | 20030424 | US 2002-158602 | 20020530 |
| US 6716881 | B2 | 20040406 | | |
| PRIORITY APPLN. INFO.: | | | | |
| | | DE 1996-19629828 | A 19960724 | |
| | | EP 1997-930522 | A3 19970711 | |
| | | WO 1997-EP3694 | W 19970711 | |
| | | US 1999-230162 | A3 19990120 | |
| | | US 2001-955783 | A3 20010918 | |

OTHER SOURCE(S): CASREACT 128:140699; MARPAT 128:140699
 GI



AB R1C(:X)NHZ1ZR [I; R = (un)substituted (hetero)aryl; R1 = (hetero)aryl; X = O or S; Z = alk(en)ylen, CO, OCH₂, CH₂O, CH(OH), etc.; Z1 = (un)substituted 1,2-phenylene] were prepared. Thus, 1-methyl-3-trifluoromethylpyrazole-4-carbonyl chloride was amidated by 2-(H₂N)C₆H₄OH and the product etherified by 2,4-Me₂C₆H₃CH₂Cl to give title compound II. Data for biol. activity of I were given.

L12 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1992:531192 CAPLUS

DOCUMENT NUMBER: 117:131192

ORIGINAL REFERENCE NO.: 117:22783a, 22786a

TITLE: Preparation of 4-azolyl-3-phenylpyrazole-1-carboxanilides and analogs as pesticides

INVENTOR(S): Fuchs, Rainer; Wachendorff-Neumann, Ulrike; Becker, Benedikt; Erdelem, Christoph; Stendel, Wilhelm

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Eur. Pat. Appl., 102 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

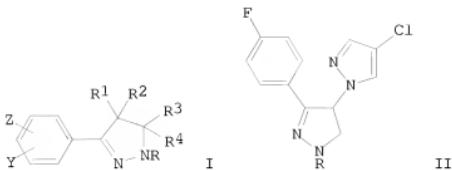
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-----------------------------------|------|----------|-----------------|-------------|
| EP 438690 | A2 | 19910731 | EP 1990-123775 | 19901211 |
| EP 438690 | A3 | 19920527 | | |
| EP 438690 | B1 | 19940706 | | |
| R: BE, CH, DE, FR, GB, IT, LI, NL | | | | |
| DE 4032089 | A1 | 19910725 | DE 1990-4032089 | 19901010 |
| US 5070098 | A | 19911203 | US 1991-641417 | 19910115 |
| JP 04210969 | A | 19920803 | JP 1991-22957 | 19910122 |
| JP 3051465 | B2 | 20000612 | | |
| BR 9100297 | A | 19911022 | BR 1991-297 | 19910123 |
| KR 191379 | B1 | 19990615 | KR 1991-1078 | 19910123 |
| US 5086183 | A | 19920204 | US 1991-717560 | 19910619 |
| US 5162542 | A | 19921110 | US 1991-717564 | 19910619 |
| US 5247094 | A | 19930921 | US 1992-906209 | 19920625 |
| PRIORITY APPLN. INFO.: | | | DE 1990-4001931 | A 19900124 |
| | | | DE 1990-4032089 | A 19901010 |
| | | | US 1991-641417 | A3 19910115 |
| | | | US 1991-717564 | A3 19910619 |

OTHER SOURCE(S): CASREACT 117:131192; MARPAT 117:131192

GI



AB The title compds. I [R = C(:X)NR₅R₆; R₁ = (un)substituted (benz)azolyl; R₂ = H, (halo)alkyl, alkoxycarbonyl, (un)substituted cycloalkyl, trialkylsilyl; R₃, R₄ = H, alkyl; R₅ = H, alkyl, Ph, alkylthio; R₆ = (un)substituted (cyclo)alkyl, Ph; X = O, S; Y = H, (halo)alkyl, halo, alkoxy, etc.] were prepared as insecticides and acaricides (no data). Thus 4-FC₆H₄COCH₂Br was condensed with 4-chloropyrazole and the product condensed with CH₂O to give 4-FC₆H₄COC(:CH₂)Q (Q = 4-chloropyrazolyl) which was cyclocondensed with hydrazine to give pyrazolopyrazole II (R = H). The latter was condensed with 4-(F₂HCO)C₆H₄NCO to give II [R = 4-(F₂HCO)C₆H₄NHCO].

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E WACHENDORFF NEUMANN/AU |
| L6 | 309 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON "WACHENDORFF NEUMANMN ULRIKE"/AU OR ("WACHENDORFF NEUMANN ULRICKE"/AU OR "WACHENDORFF NEUMANN ULRIDE"/AU OR "WACHENDORFF NEUMANN ULRIKE"/AU)
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| L7 | 224 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON ("DAHMEN P"/AU OR "DAHMEN PETER"/AU)
E KUCK K/AU |
| L8 | 172 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON "KUCK K"/AU OR "KUCK K H"/AU OR "KUCK KARL HEINZ"/AU |
| L9 | 850 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8) |
| L10 | 500 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L9 AND (PESTICID? OR FUNGICID? OR MICROBICID?) |

SET LINE 250
SET DETAIL OFF
E ANILINE+ALL/CT
SET LINE LOGIN
SET DETAIL LOGIN
L11 69 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L10 AND (ANILINE OR
"BENZENAMINE" OR ANILIDE OR CARBOXANILIDE OR PYRAZOLE)
L12 8 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L10 AND CARBOXANILIDE
D 1-8 IBIB ABS
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 104.42 104.64
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE -6.56 -6.56

STN INTERNATIONAL LOGOFF AT 12:35:06 ON 11 MAR 2009